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BC IP DIVISION

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Appl. No. 10/052,362 Atty. Docket No. G-286M (CP-1218) Amdt. Dated January 16<sup>th</sup>, 2004 Reply to Office Action of October 9<sup>th</sup>, 2003 Customer No. 27752

## Amendments to the Specification

Please replace the paragraph beginning page 2 line 11, with the following paragraph:

This invention provides novel couplers of the formula (1):

wherein X is selected from halogen and  $R^5SO_4$  where the halogen is preferably Cl, Br or I; R,  $R^1$ , and  $R^2$  are each individually selected from  $C_1$  to  $C_{22}$  alkyl and  $C_1$  to  $C_{22}$  mono or dihydroxyalkyl, or two of R,  $R^1$  and  $R^2$  together with the nitrogen atom to which they are attached form a  $C_3$  to  $C_6$ , preferably  $C_4$  to  $C_6$ , saturated or unsaturated ring optionally containing in the ring one or more additional hetero atoms selected from  $O_1$  to  $O_2$  alkyl,  $O_3$  to  $O_3$  and  $O_3$  and  $O_4$  are each individually selected from  $O_3$  to  $O_4$  alkyl,  $O_4$  to  $O_5$  alkylene group; and  $O_4$  is selected from  $O_4$  to  $O_4$  alkylene group; and  $O_5$  is selected from  $O_4$  to  $O_5$  alkylene group; and  $O_5$  is selected from  $O_4$  to  $O_5$  alkylene group; and  $O_5$  is selected from  $O_4$  to  $O_5$  alkylene group; and  $O_5$  is selected from  $O_5$  to  $O_6$  alkylene group; and  $O_6$  is selected from  $O_6$  to  $O_6$  alkylene group; and  $O_6$  is selected from  $O_6$  to  $O_6$  alkylene group; and  $O_6$  is selected from  $O_6$  to  $O_6$  alkylene group; and  $O_6$  and  $O_6$  is alkylene group; and  $O_6$  alkylene  $O_6$  alkylene group; and  $O_6$ 

Please replace the paragraph beginning page 3, line 10 with the following paragraph:

The coupler compounds of this invention are those of formula (1)

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wherein X is selected from halogen and R<sup>5</sup>SO<sub>4</sub> where the halogen is preferably Cl, Br or I; R, R<sup>1</sup>, and R<sup>2</sup> are each individually selected from C<sub>1</sub> to C<sub>22</sub> alkyl and C<sub>1</sub> to C<sub>22</sub> mono or dihydroxyalkyl, or two of R, R<sup>1</sup> and R<sup>2</sup> together with the nitrogen atom to which they are attached form a C<sub>3</sub> to C<sub>6</sub>, preferably C<sub>4</sub> to C<sub>6</sub>, saturated or unsaturated ring optionally containing in the ring one or more additional hetero atoms selected from O, S and N atoms; R<sup>3</sup> and R<sup>4</sup> are each individually selected from C<sub>1</sub> to C<sub>5</sub> alkyl, C<sub>1</sub> to C<sub>6</sub> hydroxyalkyl, C<sub>1</sub> to C<sub>6</sub> alkoxy, C<sub>1</sub> to C<sub>6</sub> aminoalkyl or R<sup>3</sup> and R<sup>4</sup> together form a C<sub>4</sub> C<sub>2</sub> to C<sub>5</sub> alkylene group; and R<sup>5</sup> is selected from C<sub>1</sub> to C<sub>22</sub> alkyl and C<sub>1</sub> to C<sub>22</sub> mono or dihydroxyalkyl. Preferably X is Ct, Br, I and R<sup>3</sup>SO<sub>4</sub> where R<sup>5</sup> is C<sub>1</sub> to C<sub>4</sub> alkyl, more preferably methyl; and preferably R, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> are each individually C<sub>1</sub> to C<sub>3</sub> alkyl, and more preferably methyl.

Please replace the paragraph beginning page 4, line 11 with the following paragraph:

The novel coupler compounds of formula (1) of this invention are readily prepared according to the following reaction sequence where X, R, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> and R<sup>5</sup> are as defined hereinbefore:

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In this synthesis an aminophenol (2) is reacted with a 2-haloethanol, such as 2-bromoethanol, in the presence of potassium carbonate in dimethylformamide to produce the alcohol compound (3). Transformation of this alcohol compound (3) into a compound (4) is carried out by treatment of the alcohol compound with triphenylphosphine and a halo-succinimide, such as bromosuccinimide (NBS). Treatment of compound (4) with a quaternization reagent (NRR<sup>1</sup>R<sup>2</sup>) produces a compounds of formula (1) of this invention.